

Substitute for form 1448/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/734,759
Filing Date	12/11/2003
First Named Inventor	Thomas J. Goodwin
Art Unit	1651
Examiner Name	Ford, Allison M.
Attorney Docket Number	MSC-22859-3-CU

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5155034	10/13/1992	Wolf et al.	
		US- 5153132	10/06/1992	Goodwin et al.	
		US- 5496722	03/05/1996	Goodwin et al.	
		US- 5153131	10/06/1992	Wolf et al.	
		US- 5155035	10/13/1992	Schwarz et al.	
		US- 5153133	10/06/1992	Schwarz et al.	
		US- 5627021	05/06/1997	Goodwin et al.	
		US- 5308764	05/03/1994	Goodwin et al.	
		US- 5846807	12/08/1998	Goodwin	
		US- 5858783	01/12/1999	Goodwin et al.	
		US- 5851816	12/22/1998	Goodwin et al.	
		US- 5962324	10/05/1999	O'Connor et al.	
		US- 5637477	06/10/1997	Spaulding et al.	
		US- 6730498	05/04/2004	Goodwin et al.	
		US- 6946246	09/20/2005	Goodwin et al.	
		US- 6117674	09/12/2000	Goodwin et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

Allison M. Ford

Date
Considered

12 Nov 2006

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Substitute for form 1449/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/734,759
		Filing Date	12/11/2003
		First Named Inventor	Thomas J. Goodwin
		Art Unit	1651
		Examiner Name	Ford, Allison M.
Sheet 1 of 2	Attorney Docket Number	MSC-22859-3-CU	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ag		Goodwin et al., Rotating-Wall vessel coculture of small intestine as a prelude to tissue modelling: aspects of simulated microgravity, February 1993, proc Soc Exp Biol Med, Vol 202, pp 181-192.	
ag		Condamine et al., Local action of phosphate depletion and insulin-like growth factor 1 on in vitro production of 1, 25-dihydroxyvitamin D by cultured mammalian kidney cells, October 1994, American Society for Clinical Investigation, Vol 94, pp 1673-1679.	
ag		Hough et al., Vitamin D Metabolism in the chronic streptozotocin-induced diabetic rat., 1983, Endocrinology, Vol 113, pp 790-796	
		Goodwin et al, Reduced Shear Stress: A Major Component in the Ability of Mammalian Tissues to Form Three-Dimensional Assemblies in Simulated Microgravity, Journal of Cellular Biochemistry, 51:301-311, 1993	
ag		Jessup et al., Prospects for Use of Microgravity-Based Bioreactors to Study Three-Dimensional Host-Tumor Interactions in Human Neoplasia, Journal of Cellular Biochemistry, 52:290-300, 1993	
ag		Spaulding et al., Advances in Cellular Construction, Journal of Cellular Biochemistry, 51:249-251, 1993	
ag		Deluca, New Concepts of Vitamin D Functions, Annals New York Academy of Sciences, 669:59-69, 1992	
ag		Hammond et al., Analysis and Isolation of renal tubular cells by flow cytometry, Kidney International, 42:997-1005, 1992	
ag		Hammond et al., Forward Scatter Pulse Width Signals Resolve Multiple Populations of Endosomes, Cytometry, 14:411-420, 1993	
ag		Wolf et al., Analysis of Gravity-Induced Particle Motion and Fluid Perfusion Flow in the NASA-Designed Rotating Zero-Head-Space Tissue Culture Vessel, NASA Technical Paper 3143, 1991.	

Examiner Signature	<i>Allison SL</i>	Date Considered	25 Oct. 2006
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Sheet	2	of	2
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Application Number	107734,759
Filing Date	12/11/2003
First Named Inventor	Thomas J. Goodwin
Art Unit	1651
Examiner Name	Ford, Allison M.
Attorney Docket Number	MSC-22859-3-CU

NON PATENT LITERATURE DOCUMENTS

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**Examiner
Signature**

Allen

Date
Considered

12 Nov 2006

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